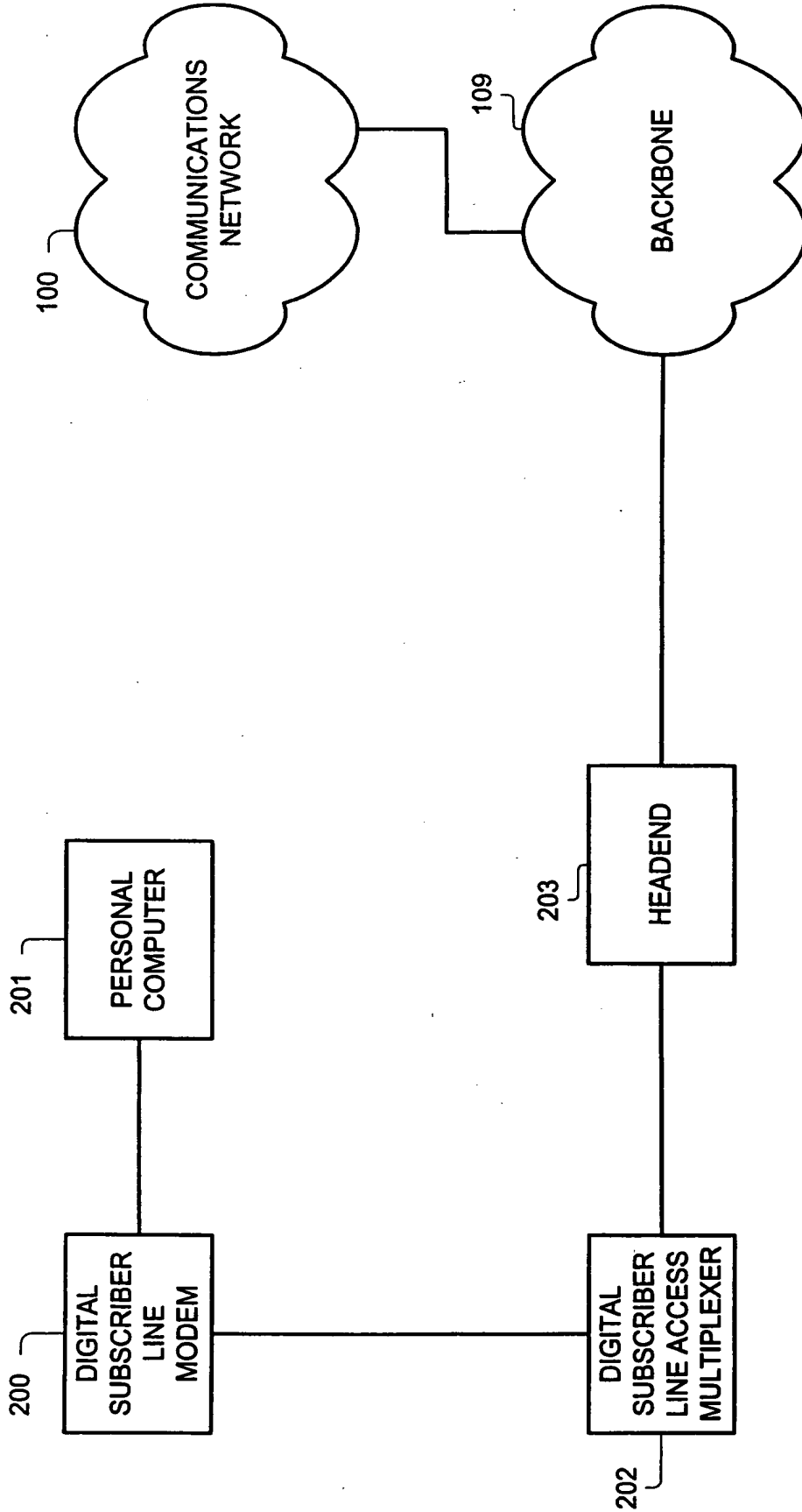


BACKGROUND ART
FIGURE 1

FIG. 100 920482.00



BACKGROUND ART
FIGURE 2

FIG. 2

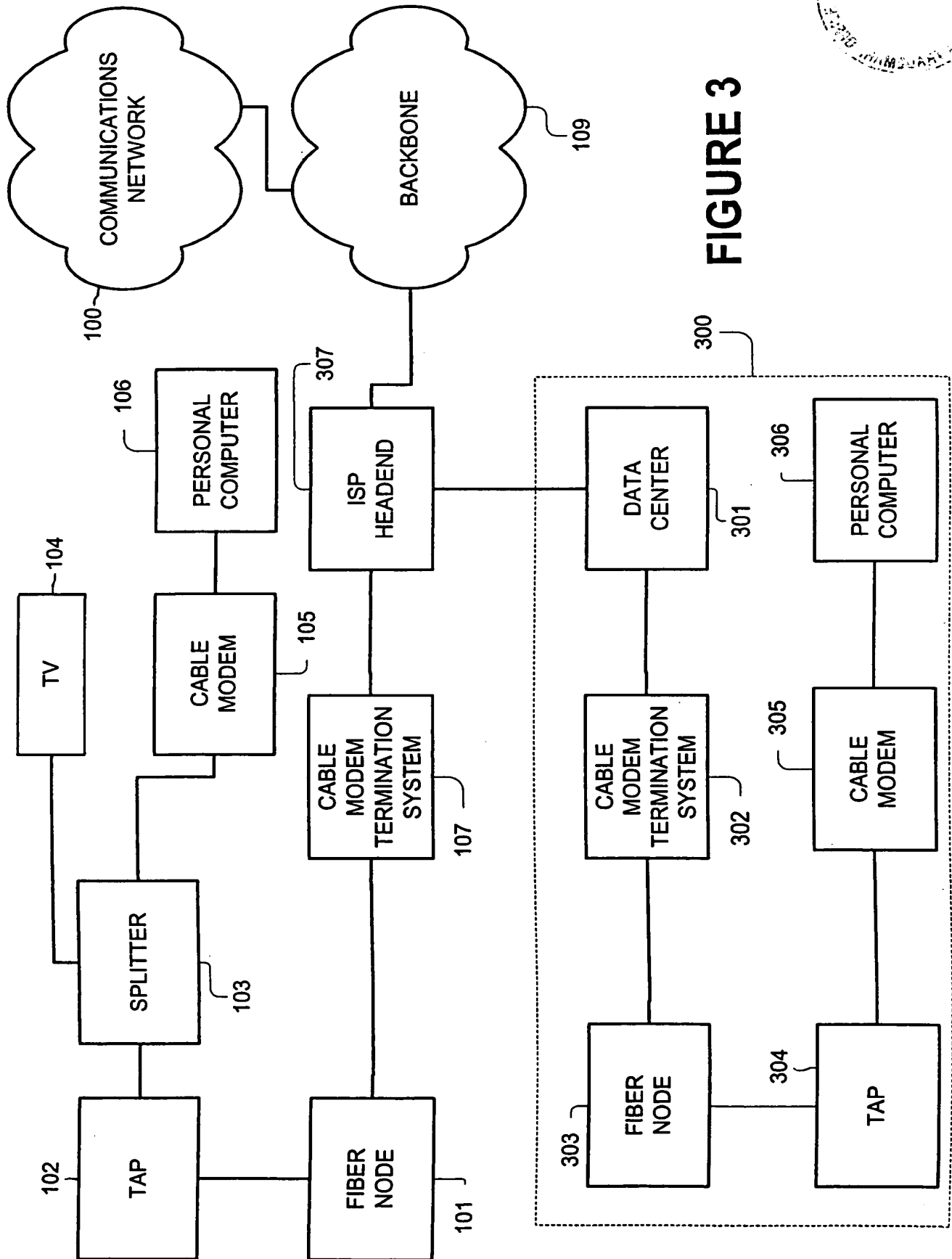


FIGURE 3

FIG. 3 is a block diagram of a network architecture.

FIG. 50: 5/20/2000

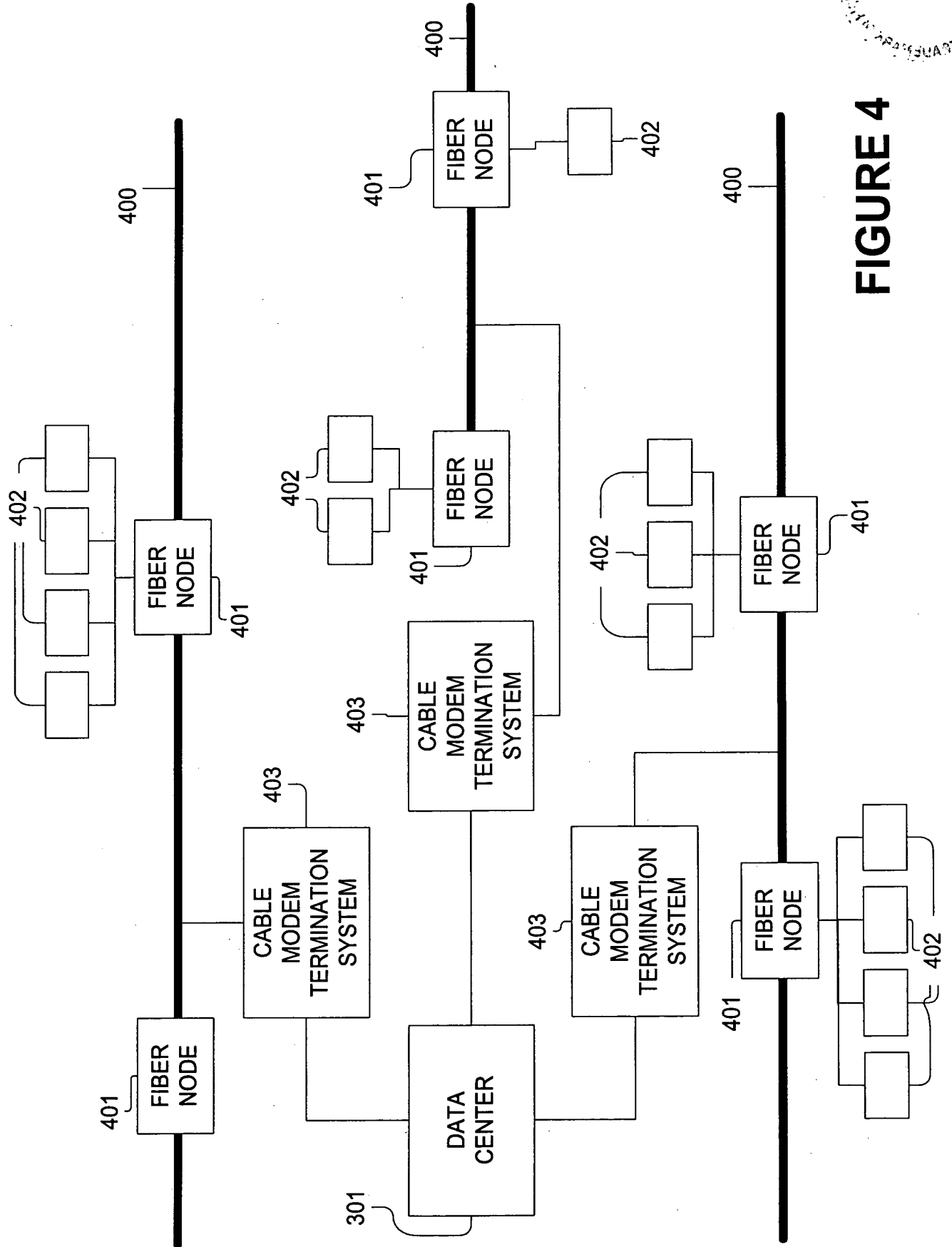


FIGURE 4

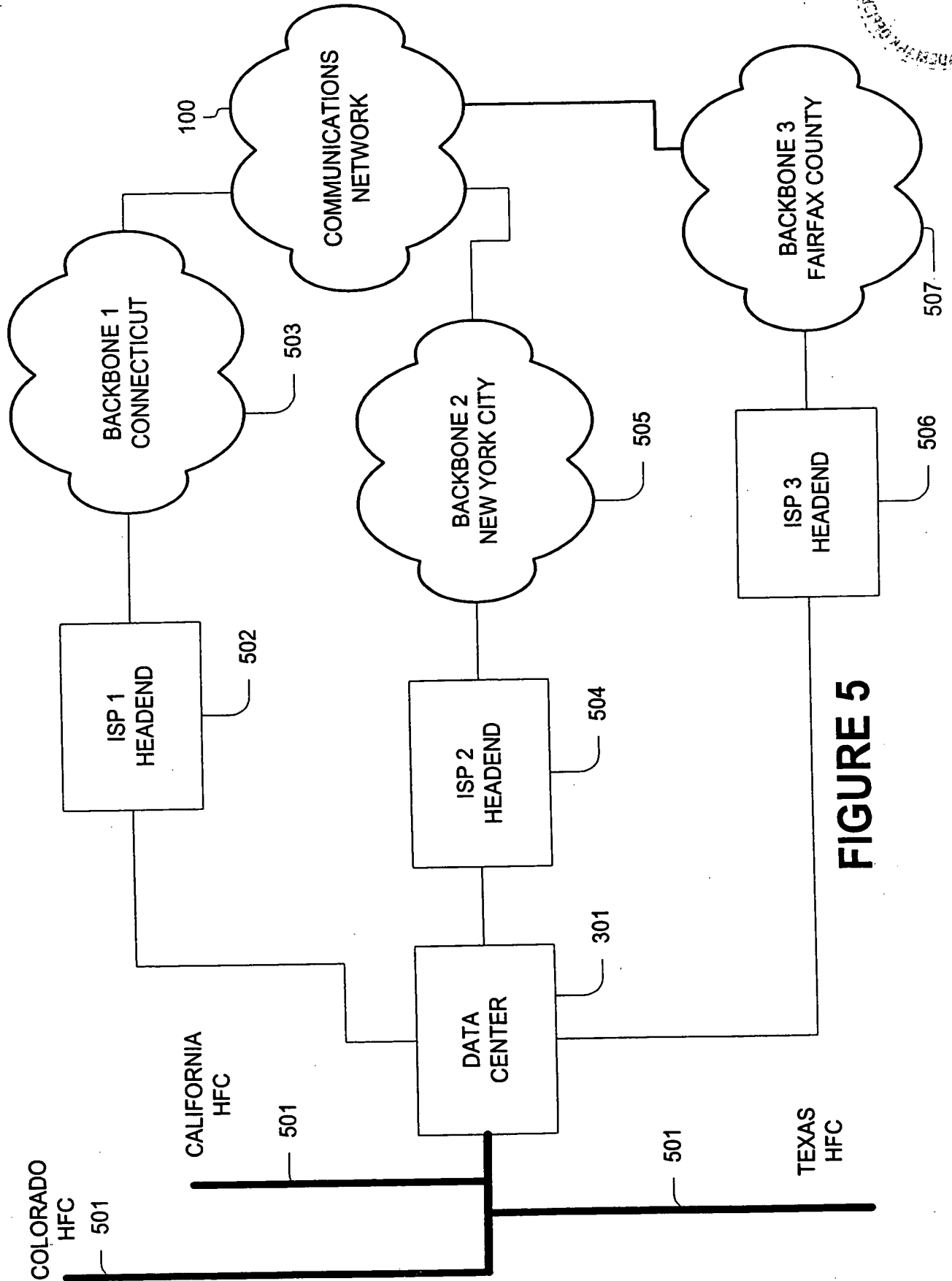


FIGURE 5

TESTED 9/20/09

TESTED 5/20/82/60

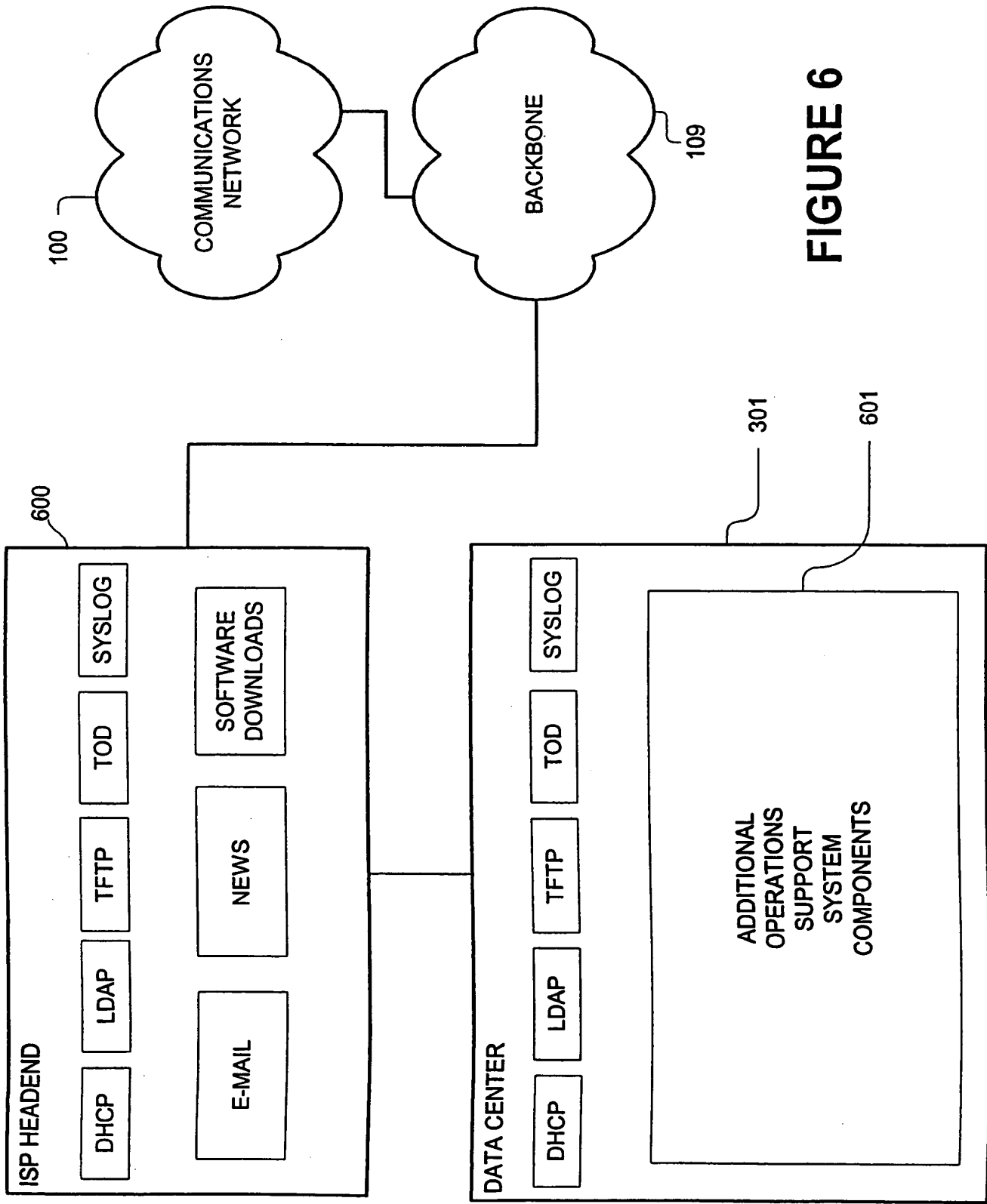


FIGURE 6

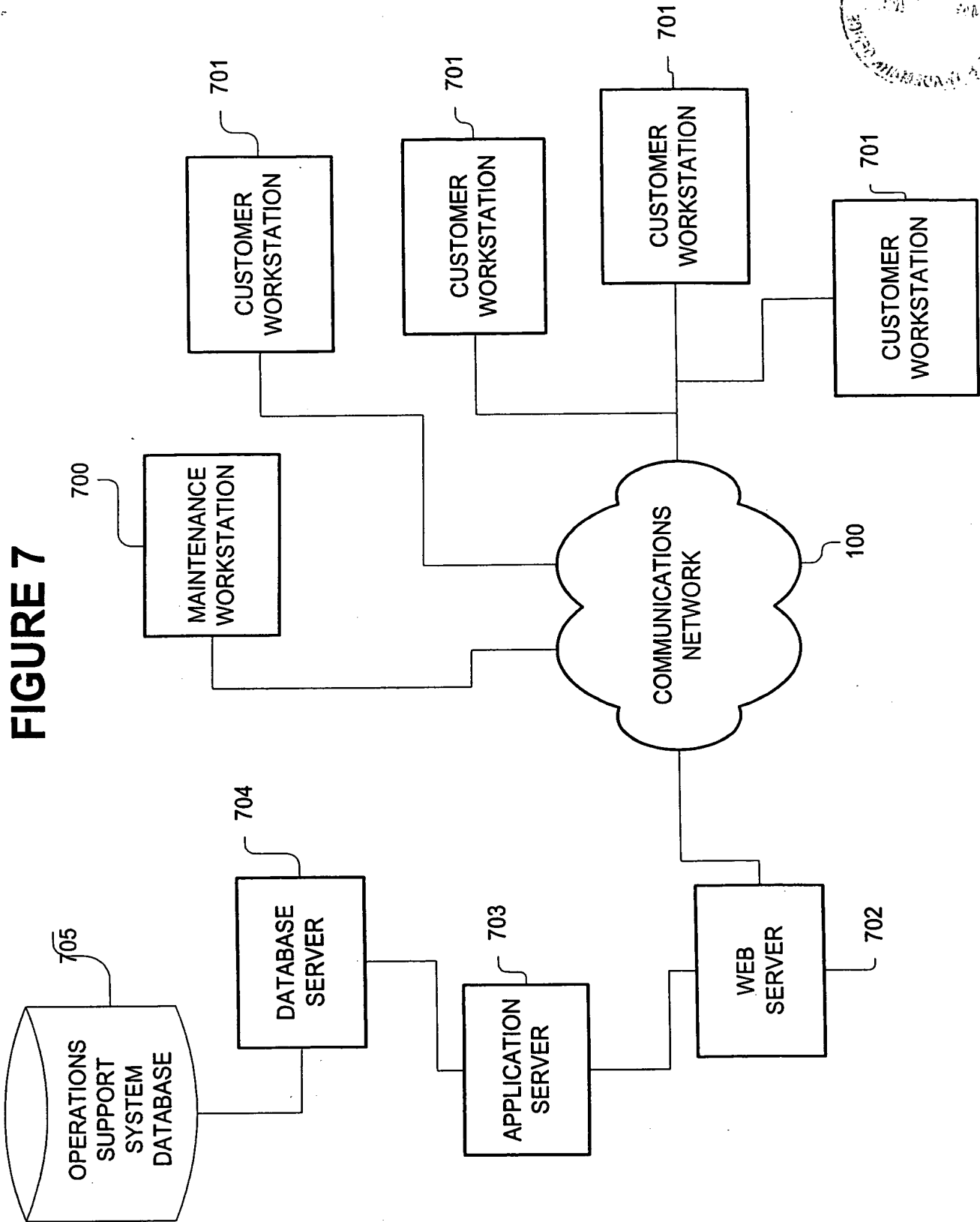


FIG. 7

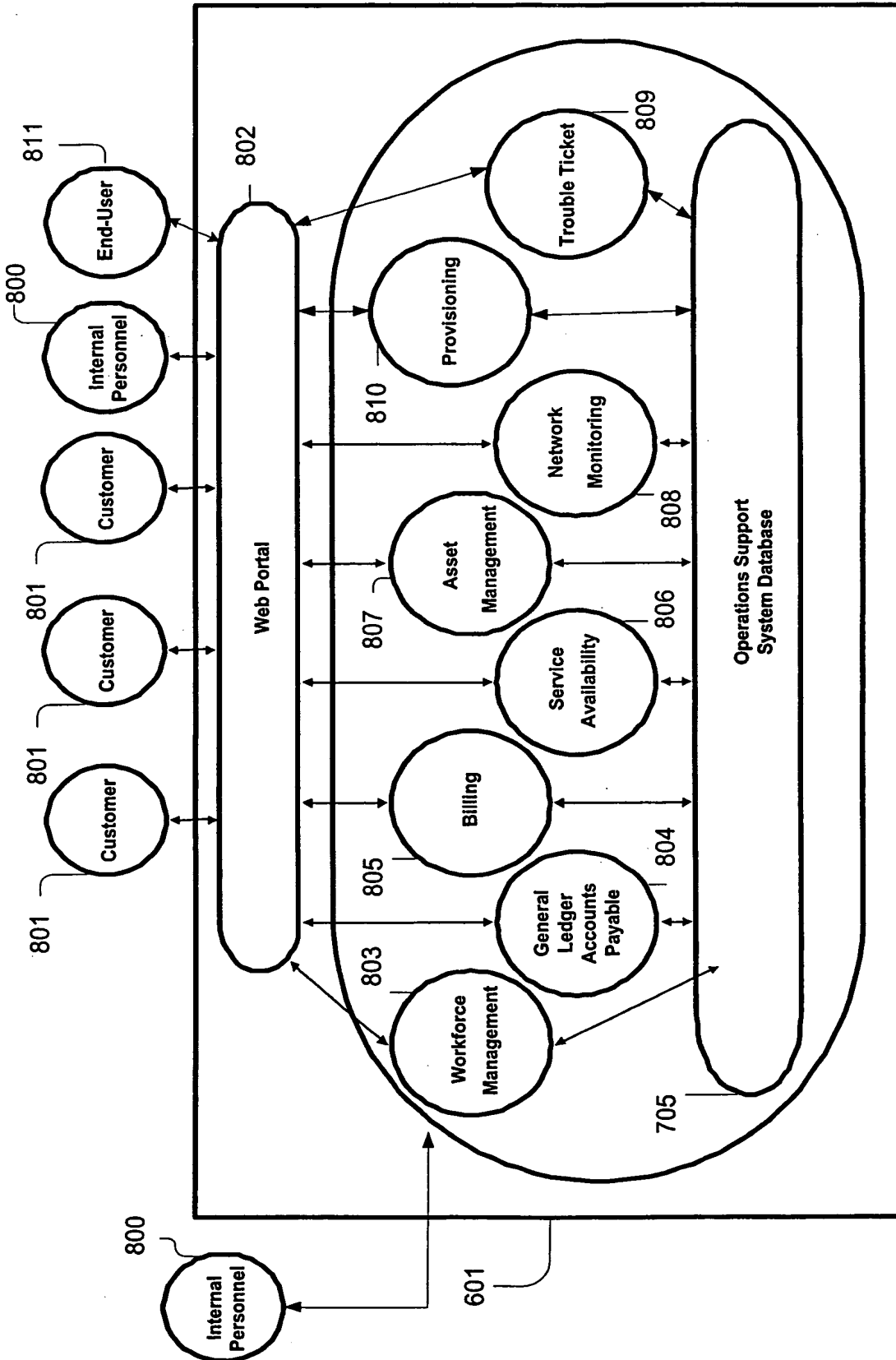
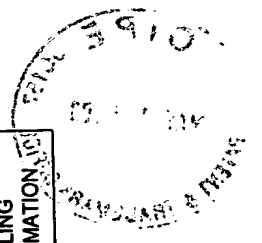


FIGURE 8

TESTED 5/20/2008



OPERATIONS SUPPORT SYSTEM
 DATABASE

END USER ID	CUSTOMER ID	CUSTOMER PLAN	END USER BILLING INFORMATION
1	1	A	END USER BILLING INFORMATION
2	2	B	END USER BILLING INFORMATION
3	1	C	END USER BILLING INFORMATION
4	3	A	END USER BILLING INFORMATION
5	2	B	END USER BILLING INFORMATION
6	1	A	END USER BILLING INFORMATION
7	2	B	END USER BILLING INFORMATION
8	2	C	END USER BILLING INFORMATION

ISP 1

1	1	A	END USER BILLING INFORMATION
3	1	C	END USER BILLING INFORMATION
6	1	A	END USER BILLING INFORMATION

ISP 2

2	2	B	END USER BILLING INFORMATION
5	2	B	END USER BILLING INFORMATION
7	2	B	END USER BILLING INFORMATION
8	2	C	END USER BILLING INFORMATION

ISP 3

4	3	A	END USER BILLING INFORMATION
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FIGURE 9



FIGURE 10

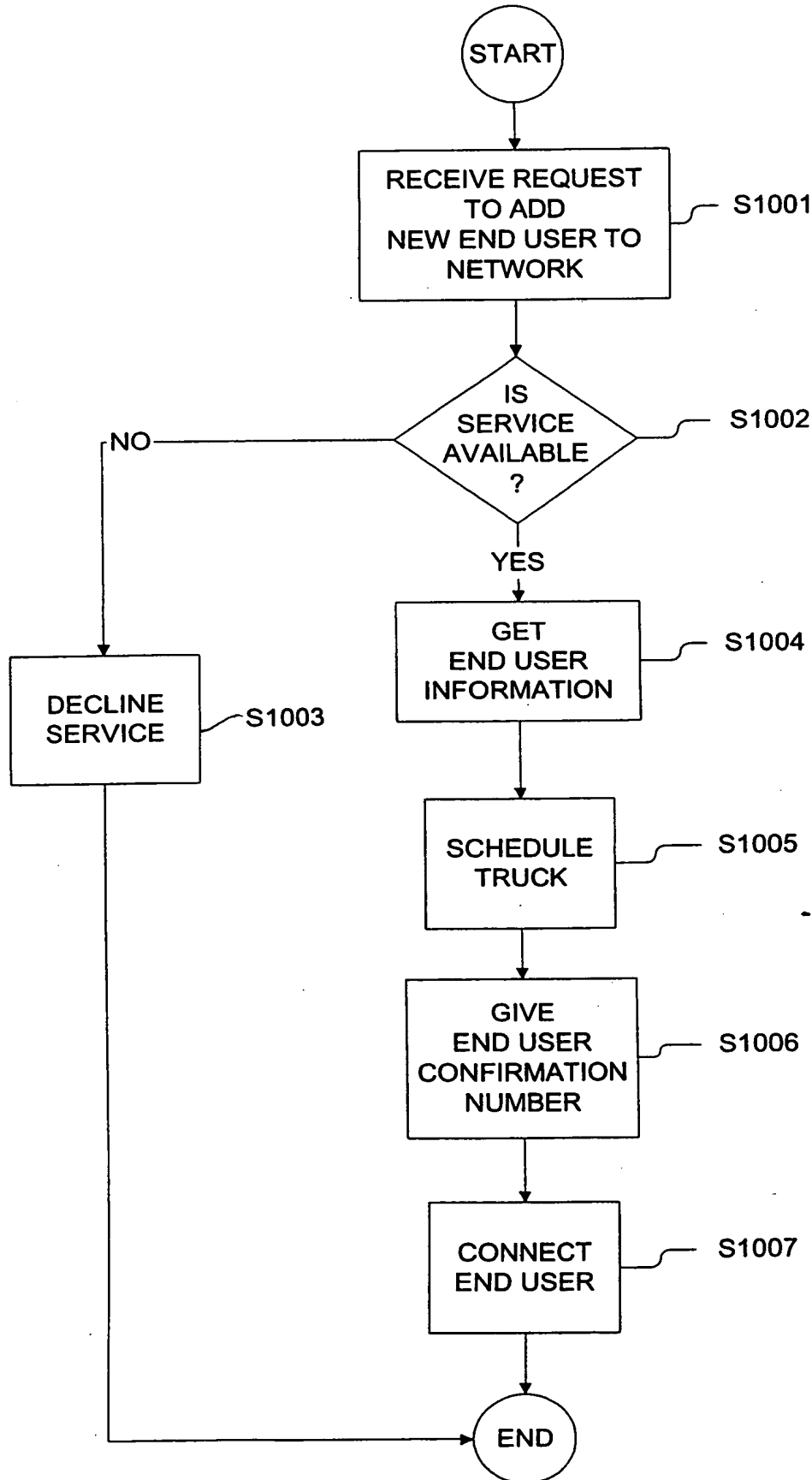
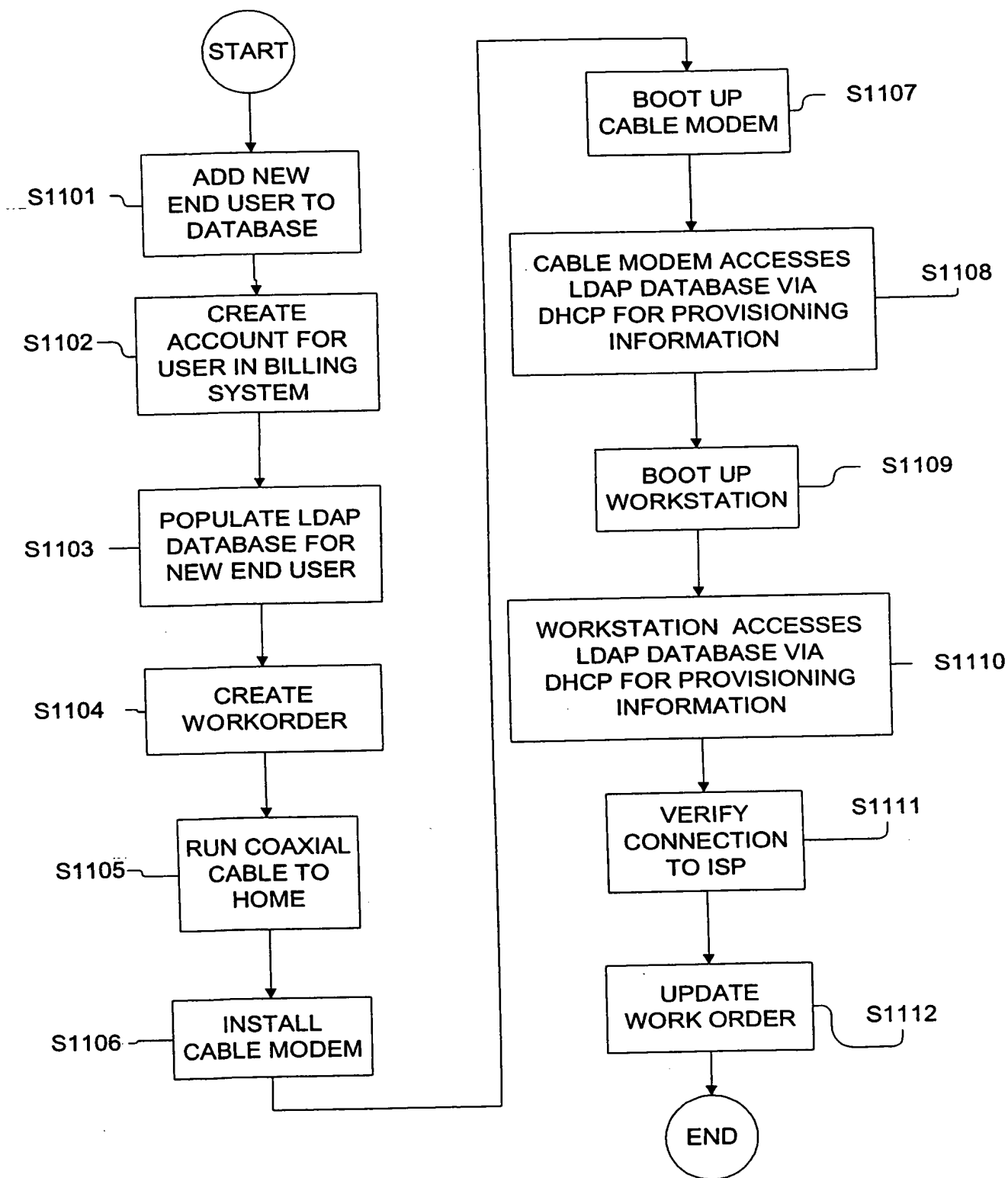


FIGURE 10



FIGURE 11



TESTED 5/20/03/260



FIGURE 12

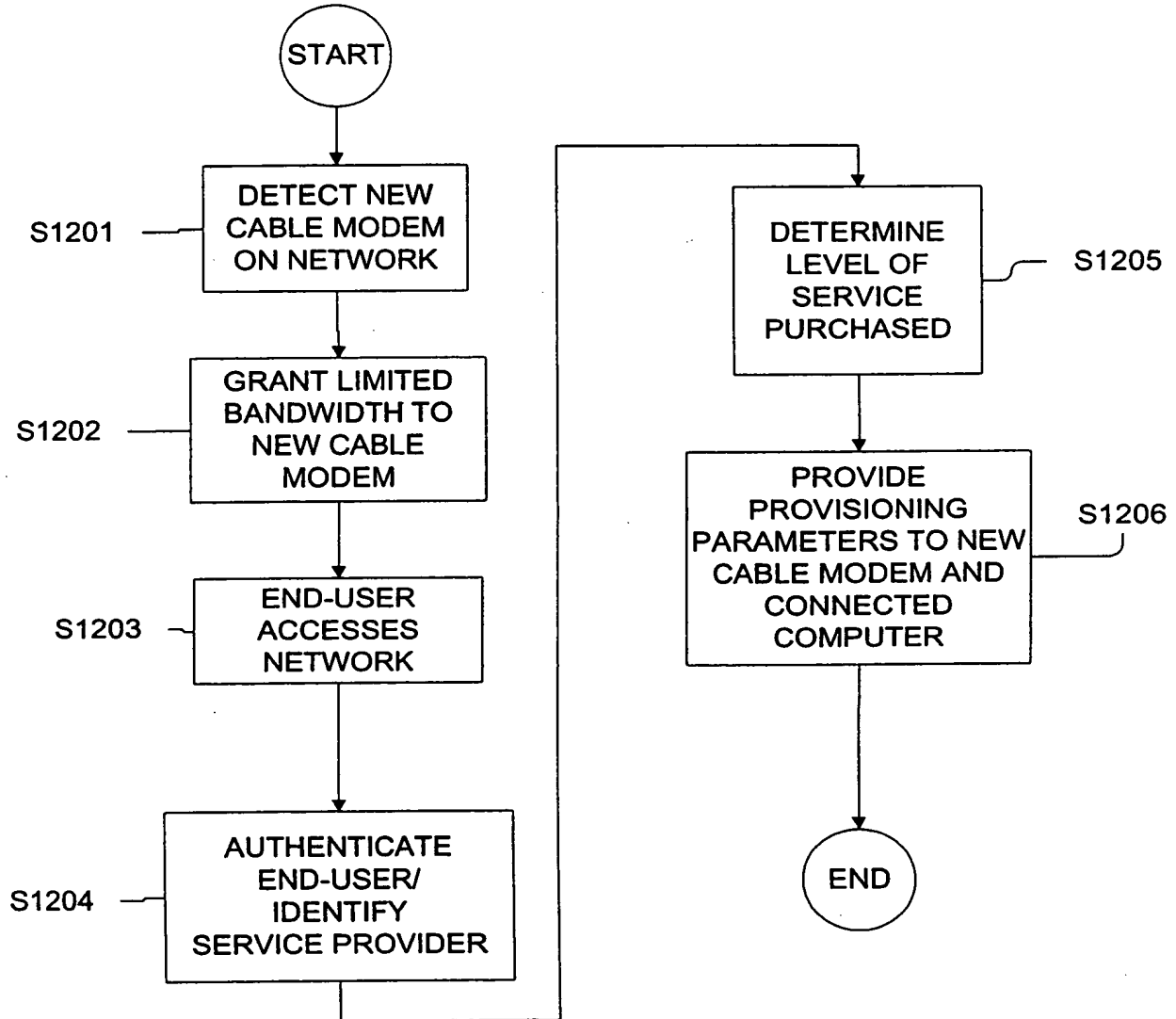
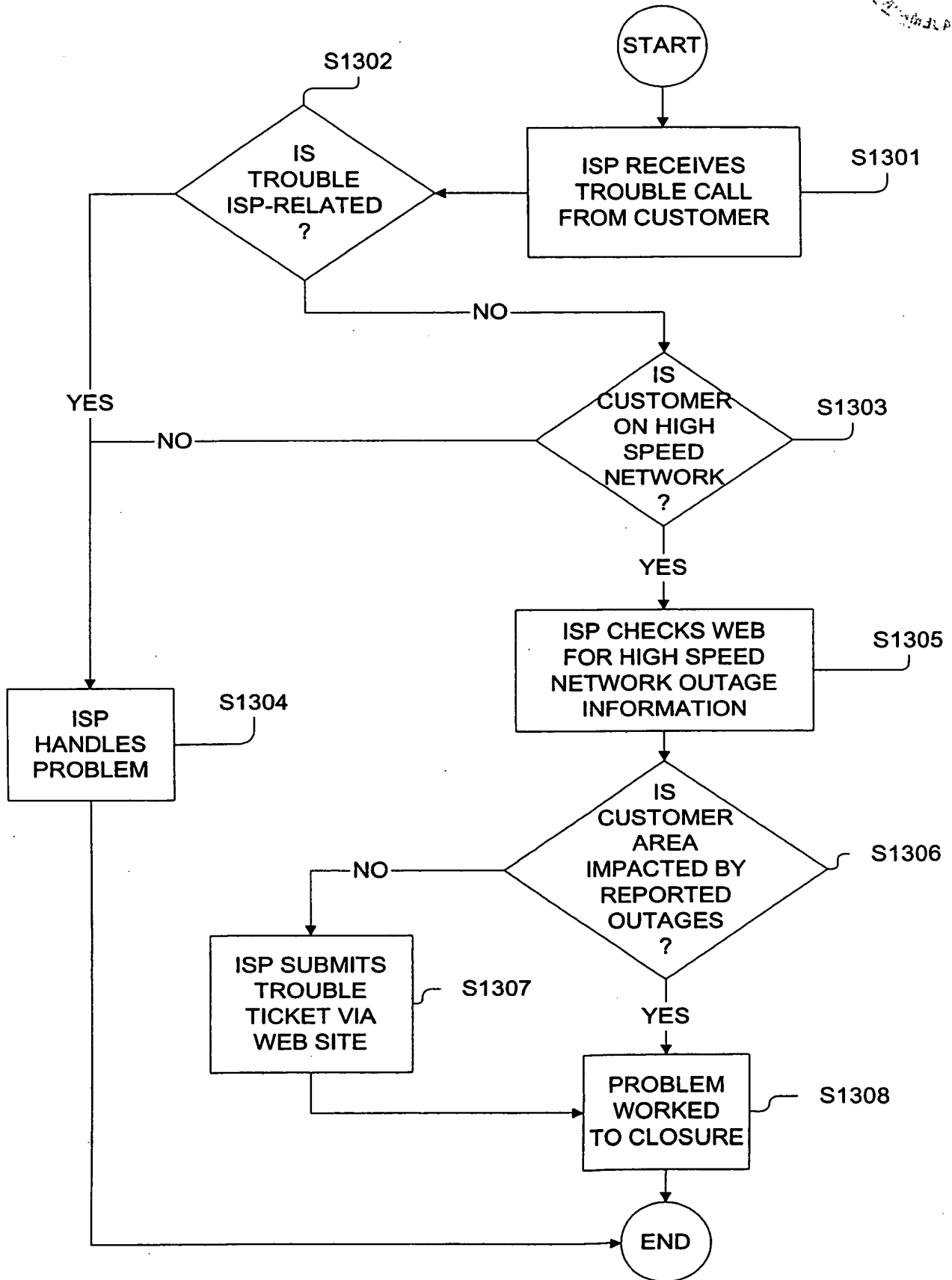


FIGURE 12

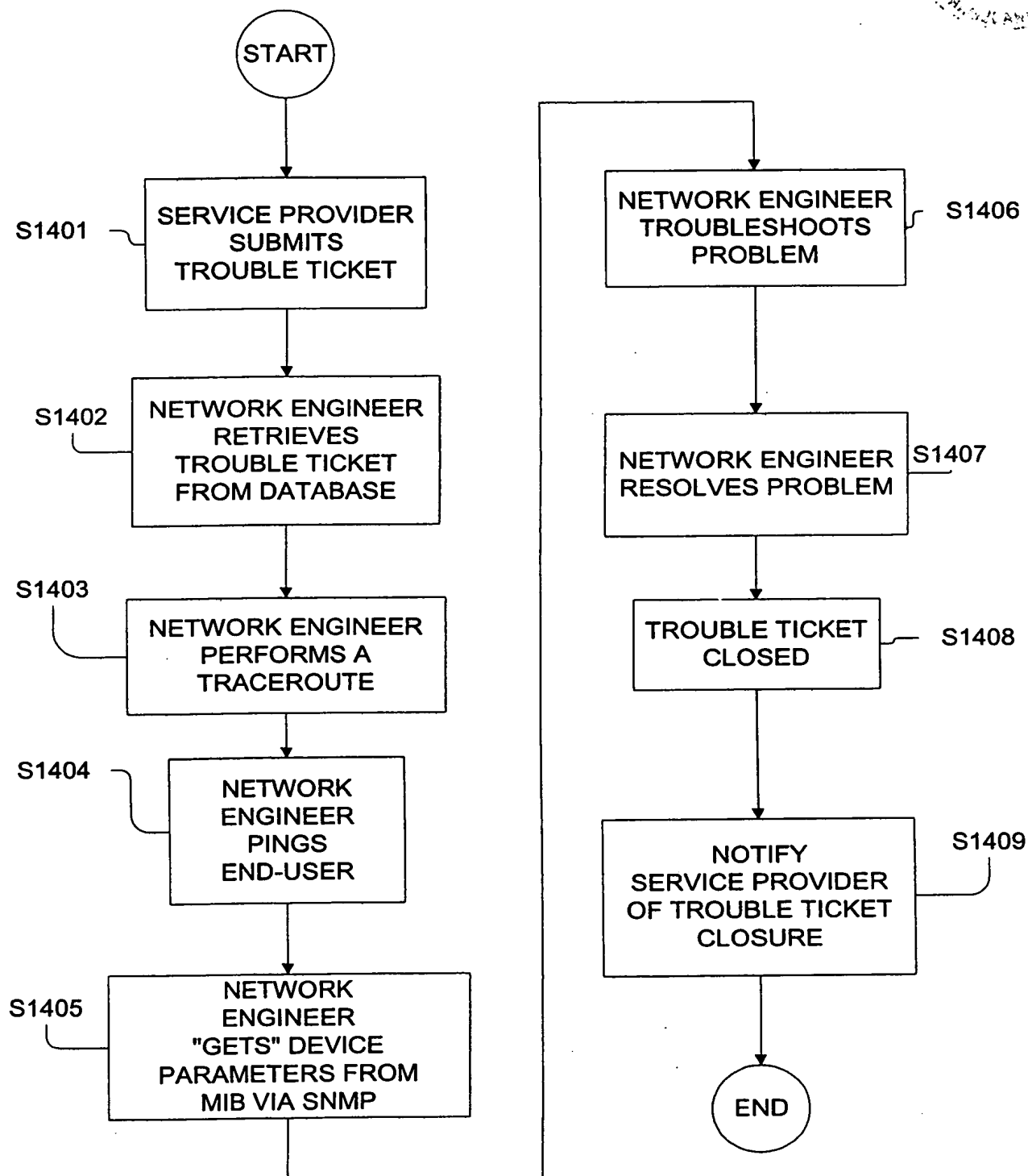


FIGURE 13



202585US8-013

FIGURE 14



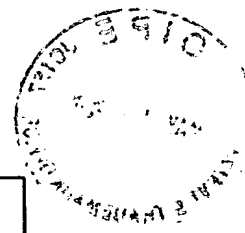


FIGURE 15

